

Additional product information

This is a compressor unit intended for use with electric or acoustic guitar, to limit attack, prolong sustain by increasing amplification factor as a plucked note decays, making signal more uniform.

Compression is powerful tool when recording and in live situations with acoustic guitar and steel guitar- properly set it can smooth out unintentional level changes for better audibility.

It has often been said that the best use of compressors is when you cannot hear them but miss them when they are turned off with electric guitar it is often used as an effect, by setting compression high enough to hear the signal being limited and decay being amplified.

Though compressed the tone is still in the attack only now attack is accentuated by a characteristic " chop". With compression weak parts of signal will be amplified and so a compressed signal will appear to have slightly more treble to it.

It is therefore common in compression design to cut some treble thereby noise is also reduced. This technique is not used in the Pale Green design since the more filters you have in the chain the more phase distortion, and such filtering would be virtually impossible to make unhearable in all possible situations.

It was instead voted that there should be no filtering action except that needed to secure safety against radio interference and that the use of custom parts and design should ensure low noise with preserved treble.

These are the key features that are the basis of the Pale Green Compressor design:

- 1. Fast attack, slow release - the most used setting by guitarists ever. Response has been optimized for the parts used.
- 2. Wide range of compression: from light transient limiting to massive compression at almost endless sustain.
- 3. No treble loss, thus pedal can be used at various places in chain (Keep compression at lowest possible to achieve desired sound, to ensure lowest noise).
- 4. Low distortion and good overload characteristics.
- 5. Heavy duty design for reliability.
- 6. Battery monitor built in - when battery runs low LED-lights gets dim.
- 7. Low current draw for added battery-life.

- 8. Security: the unit must compile with standards set for this intended use.
- 9. Boost capability - at very low settings of compression unit can also be employed as a booster.
- 10. A nice colour: this one's Pale Green.
- 11. Complete bypass - something almost mandatory these days.
- 12. Original Circuit.

BJF PINE GREEN COMPRESSOR OWNER'S MANUAL